



June 9, 2002

Mr. Jim Christiansen
United States Environmental Protection Agency
Region 8
999 18th Street - Suite 300
Denver, CO 80202-2466

Ref: 8EPR-SR

RE: Richardson Flat Monthly Status Report for May 2002

Dear Mr. Christiansen:

This monthly Status Report details site activities conducted at Richardson Flat for May 2002. Also included are the laboratory analytical data from the surface water and groundwater samples collected during May 2002.

Sampling Activities Conducted:

Surface and groundwater were sampled on May 2 and May 6, 2002.

Surface and Groundwater Sampling:

On May 6, 2002 the thirteenth round of monthly surface water sampling was conducted. Surface water samples were collected at locations RF-1, RF-2, RF-4, RF-5, RF-6-2, RF-11 and RF-12. One duplicate sample was collected at location RF-4. Groundwater samples were collected with a peristaltic pump at monitoring wells RT-3, RT-6, RT-11, RT-12, RT-13, RT-14 and RT-15. One duplicate groundwater sample was collected from monitor well RT-11. Samples were submitted to the laboratory on May 7, 2002. Samples were collected at piezometers RT-3 and RT-6.

An additional round of sampling was conducted on May 2, 2002. This round was conducted to assess conditions in the Floodplain Tailings located on the west side of Silver Creek. Surface water samples were collected at locations RF-7-2, RF-8, FPT-SW-1, FPT-SW-2, FPT-SW-3, FPT-SW-4 and PH-SW-1. Groundwater samples were collected at locations RT-11, RT-12, FPT-2B, FPT-4A, FPT-7A-FPT-8A. Duplicate samples were collected at locations FPT-SW-1 and RT-11.

Draft RI Report Preparation

The draft RI report will be submitted to EPA in July 2002. The draft report will be used to assist EPA in human health and ecological risk assessment.

Results:

The results of the April 16 surface water and groundwater sampling are reported in Table 1. The results of the May 2 and May 6, 2002 surface water and groundwater sampling have not been received from the laboratory. Laboratory and chain-of-custody reports are located in Appendix A. Field data sheets can be found in Appendix B. An electronic copy of the AEC and Frontier Geosciences laboratory analytical reports will be emailed to you and Jeff Montera.

Planned Activities: June 2002

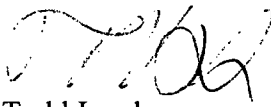
1. Monthly surface and groundwater sampling will be conducted the week of June 10, 2002.
2. RMC will continue to work on the Draft RI report.

Planned Activities: July 2002

1. Monthly surface and groundwater sampling will be conducted the week of July 1, 2002.
2. RMC will submit the Draft RI report.

If you should have any questions or comments, please contact me at 801-255-2626.

Best regards,



Todd Leeds
RMC

Attachment: Table 1, Analytical Summary – Water, April 16, 2002

Cc: Jeff Montera
Susan Griffin
Kerry Gee
Kevin Murray
Muhammed Slam
Lynn Woodbury
Exponent

Table 1, Analytical Summary - Surface and Groundwater Data, Richardson Flat Remedial Investigation
April 16, 2002

(units mg/l, unless specified)

Date	Sample #	SURFACE WATER																																											
		AG	AG(D)	AL	AL(D)	ALK.	AS	AS(D)	CA	CATIA N BAL.	CD	CD(D)	CL-	CO3	COND.	CR	CR(D)	CU	CU(D)	FE	FE(D)	HARD	HCO3	HQ	HQ(D)	K	MG	MM	MM(D)	NA	NH2/N	NO2/NO 3	P	PB	PB(D)	SB	SE	SE(D)	SO4=	TDS	TSS	ZN	ZN(D)	pH	S=
16-Apr-02	RF-SW-RF1	<0.005	<0.005	0.63	0.12	85	<0.005	<0.005	35	7.2	<0.001	<0.001	19	<1.0	311	<0.010	<0.010	<0.005	<0.005	1	0.092	121	85	<0.0002	<0.0002	2.7	8.1	0.008	<0.005	15	<0.10	0.21	<0.10	<0.005	<0.005	<0.005	<0.005	<0.004	39	224	6.9	0.046	0.022	7	0.087
16-Apr-02	RF-SW-RF2	<0.005	<0.005	0.12	<0.050	144	0.007	0.008	59	5.3	<0.001	<0.001	56	<1.0	545	<0.010	<0.010	<0.005	<0.005	0.32	0.058	206	144	<0.0002	<0.0002	3.1	14	0.026	0.022	29	<0.10	<0.10	<0.005	<0.005	<0.005	<0.004	46	368	2.3	0.058	0.049	6.7	0.067		
16-Apr-02	RF-SW-RF3	<0.005	<0.005	1	0.06	100	0.017	0.017	47	2.4	<0.001	<0.001	83	<1.0	540	<0.010	<0.010	0.007	0.008	0.66	0.052	157	100	<0.0002	<0.0002	4	9.7	0.06	0.041	40	<0.10	<0.10	0.024	<0.005	0.006	<0.004	38	352	18	0.12	0.063	7	0.093		
16-Apr-02	RF-SW-RF4	<0.005	<0.005	0.078	<0.050	104	0.007	<0.005	174	8.5	0.001	<0.001	83	<1.0	1251	<0.010	<0.010	<0.005	<0.005	0.44	<0.010	593	104	<0.0002	<0.0002	2.3	39	1.6	1.5	40	<0.10	<0.10	<0.005	<0.005	<0.005	<0.004	361	914	4.7	1.1	0.81	7.4	0.17		
16-Apr-02	RF-SW-RF504	<0.005	<0.005	0.091	<0.050	226	0.007	<0.005	175	<1	0.001	<0.001	88	<1.0	1253	<0.010	<0.010	<0.005	<0.005	0.53	0.016	597	226	<0.0002	<0.0002	2.4	39	1.6	1.5	41	<0.10	<0.10	<0.005	<0.005	<0.005	<0.004	357	912	4.1	1.1	0.82	8.1	0.19		
16-Apr-02	RF-SW-RF5	<0.005	<0.005	<0.050	<0.050	228	<0.005	<0.005	205	<1	<0.001	<0.001	81	<1.0	1381	<0.010	<0.010	<0.005	<0.005	0.1	<0.010	697	228	<0.0002	<0.0002	2.3	45	0.6	0.61	38	<0.10	<0.10	<0.005	<0.005	<0.005	<0.004	462	1050	2.3	0.41	0.31	7.6	0.13		
16-Apr-02	RF-SW-RF6-2	<0.005	<0.005	0.063	<0.050	202	<0.005	<0.005	193	2.1	<0.001	<0.001	65	<1.0	1334	<0.010	<0.010	<0.005	<0.005	0.18	0.012	654	202	<0.0002	<0.0002	2.9	42	0.9	0.87	37	<0.10	<0.10	<0.005	<0.005	<0.005	<0.004	434	1009	3.6	0.17	0.03	7.7	0.14		
16-Apr-02	RF-SW-RF-11	<0.005	<0.005	0.077	<0.050	164	0.012	0.011	91	6.3	<0.001	<0.001	64	<1.0	765	<0.010	<0.010	<0.005	<0.005	0.54	0.2	258	164	<0.0002	<0.0002	3.5	22	0.22	0.2	34	<0.10	<0.10	<0.005	<0.005	<0.004	120	536	3.4	0.28	0.25	7	0.099			
16-Apr-02	RF-SW-RF12	<0.005	<0.005	0.077	<0.050	180	0.014	0.01	99	2.7	0.001	<0.001	78	<1.0	842	<0.010	<0.010	<0.005	<0.005	0.79	0.2	341	180	<0.0002	<0.0002	3.4	23	0.77	0.71	37	<0.10	<0.10	0.007	<0.005	0.006	<0.004	142	585	5.5	0.89	0.71	7.3	0.15		

Notes:
RF-SW-RF504 is a duplicate of RF-SW-RF4

TARGET SHEET
EPA REGION VIII
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 2008720

SITE NAME: RICHARDSON FLAT TAILINGS

DOCUMENT DATE: 06/09/2002

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☒ TYPES OF DOCUMENTS NOT TO BE SCANNED
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

APPENDIX A Laboratory Reports, Chain-of-Custody
APPENDIX B Field Data Sheets

